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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Mark S. Zediker et al.

Serial No.: **09/498,254**

Filed: February 3, 2000

For: HIGH EFFICIENCY, HIGH POWER DIRECT  
DIODE LASER SYSTEMS AND METHODS  
THEREFOR

: Atty. Dkt. No.: D3953-RE

: Group Art Unit: 2881

: Examiner: Q. P. LEUNG

RECEIVED  
TECHNOLOGY CENTER 2800  
APR 10 2003

Honorable Assistant Commissioner  
for Patents  
Washington, D.C. 20231

Sir:

Prior to continued examination on the merits, please amend the application as follows:

**IN THE CLAIMS:**

Please AMEND claims 25, 26, 31, 33, 36, 40, and 41 as follows: ✓

B1 1 25. (Twice Amended) A diode laser system, comprising:

2 a laser head assembly generating an output beam, the laser head assembly including:

3 M modules which generate M laser beams, wherein each of said M laser beams has  
4 a different [unconstrained] wavelength; and

5 only M-2 dichroic filters, wherein each of said M-2 dichroic filters transmits a  
6 corresponding one of said M laser beams and reflects all other of said M laser beams  
7 into a predetermined optical path to produce said output beam,

8 where M is an integer > 2.